

Claims:

1. An antisense oligonucleotide from about 20 to about 100 nucleotides comprising a sequence selected from the group consisting of SEQ ID NOs:1 - 30 as set forth in Table 1 which oligonucleotide inhibits neuropilin expression.
2. The antisense oligonucleotide of Claim 1 further comprising one or more phosphorothioate internucleotide linkages
3. The antisense oligonucleotide of Claim 1 further comprising additional nucleotides not complementary to the neuropilin mRNA.
4. A vector comprising an oligonucleotide sequence from about 20 to 100 nucleotides comprising a sequence selected from the group consisting of SEQ ID NOs:1 - 30 as set forth in Table 1 which oligonucleotide inhibits neuropilin expression.
5. A pharmaceutical composition comprising a pharmaceutically acceptable excipient and an effective amount of the antisense oligonucleotide from about 20 to 100 nucleotides comprising a sequence selected from the group consisting of SEQ ID NOs:1 - 30 as set forth in Table 1 which inhibit neuropilin expression.
6. A method for inhibiting the growth of a mammalian tumor comprising, administering to a mammal suspected of having the tumor an effective amount of an antisense oligonucleotide from about 3 to about 100 nucleotides comprising a sequence complementary to a mammalian neuropilin mRNA under conditions such that the growth of the tumor is inhibited.

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SUB B1

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7. The method according to Claim 6 further comprising the step of administering to the mammal a chemotherapeutic agent.

8. The method according to Claim 6 wherein the oligonucleotide comprises a sequence selected from the group consisting of SEQ ID NOs:1 - 30 as set forth in Table 1.

9. The method according to Claim 6 wherein the oligonucleotide is nuclease resistant.

10. A method for inhibiting the metastasis of a mammalian tumor comprising, administering to a mammal suspected of having a metastatic tumor an effective amount of an antisense oligonucleotide from about 3 nucleotides to about 100 nucleotides comprising a sequence complementary to a mammalian neuropilin gene under conditions such that the metastasis of the tumor is inhibited.

11. The method according to Claim 10 further comprising the step of administering to the mammal a chemotherapeutic agent.

12. The method according to Claim 10 wherein the oligonucleotide is nuclease resistant.

13. The method according to Claim 10 wherein the oligonucleotide comprises a sequence selected from the group consisting of SEQ ID NOs:1 - 30 as set forth in Table 1.

14. A method for inhibiting neovascularization comprising, administering to a mammal an effective amount of an antisense oligonucleotide from about 3 nucleotides to about 100 nucleotides comprising a sequence complementary to a

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SUB BS⁵

ADD B6

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C 6

add
D²

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